

SIDA Book Reviews
Botanical Research Institute of Texas
509 Pecan Street
Fort Worth, TX 76102-4059, U.S.A.

UPTON T. WALTER. 1989. *Dendrobium Orchids of Australia*. Timber Press, Portland Oregon. Hardbound. 237 pp.

The genus *Dendrobium* is one of the largest in Orchidaceae. In Chapter 1: Walter Upton briefly describes the genus and with text and fine illustrations explains the subgenera and sections. Chapter 2: History of the genus *Dendrobium* in Australia. Chapter 3: Descriptions of *Dendrobium* species in Australia describes each Australian species by synonyms, description chromosome #, habitat, culture, and hybrids with illustrations and photographs by Upton. Chapter 4: Natural hybrids occurring in Australia. Chapter 5: History of hybridization. Chapter 6: Pollination and seed raising. Chapter 7: Culture Appendix 1: Main months of flowering in native habitat. Appendix 2: *Dendrobium* hybrids using only Australian indigenous parents registered to February 1988. Appendix 3: *Dendrobium* hybrids including *Phalaenopsis* and *D. schroederianum* in their parentage to March 1987. Appendix 4: Reclassifying the genus *Dendrobium*. Appendix 5: Authors of plant names and publication abbreviations. Appendix 6: Name changes of *Dendrobium* orchids as proposed November 1988. The text and illustrations will be helpful to anyone studying *Dendrobium*.
Dottie M. Woodson

WAGNER, WARREN L., DERRAL R. HERBST, S.H. SOHMER. 1991. *Manual of The Flowering Plants of Hawaii* Volume I and II. University of Hawaii Press, Bishop Museum Press. Hardbound. 1854 pp.

This manual provides keys and descriptions for 146 families, 649 genera and 1, 817 species of native and naturalized plants. Eight years and fifty contributors make this study of The Flowering plants of The Hawaiian Archipelago the most complete since Hillebrand's a century ago. The first volume includes chapters on Methods and Scope, Geology, Climate, Vegetation, Important Collections, and Abbreviations. The listings are alphabetically arranged within dicots and monocots. The glossary, literature cited, 240 illustration vouchers, and index are in volume II. This manual would be excellent for any studying plants and plant distributions as well as any one wanting to grow plants from these islands.
Dottie M. Woodson